Depth 6	Contents 7	Reference to last Measurement 8

I sr and Final Bill

Work code : 005 - 14 - 000065

BR-379/13-11/14

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Est cost Rs - 19.90 Lacs

257219

Serial No. .....

Name of Work ..... Improvements to Roads and Drains At Thirumenahalli From ..... to Chokkanahalli in Ward No. 05

Name of Contractor of nature of Agency ..... Byatarayanapura Sub division : M/S Technical Manager KRIDL BBMP Bangalore. (West)

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order No. - EE/BTP/KRIDL/WO/674/2014-15.						
	Commencement & work on : 16/8/14						
	Completion & work on : 10/11/14						
	Recorded on : 10/11/14						
(1)	Earth work in surface excavation in ordinary soil for covering and lowering the ground manually Cover then foundation & Structures) and removing the excavated soil to a distance etc. complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-measurement recorded vide Page No. 257265 to 257266					23.64 M^3	& Duly MB.
	Rate 126:36						2987:00
	2) Removing BS slab & drain and stacking with all lead and lift etc-- complete as per Specification As per Pre-measurement recorded vide Page No. 257266 to 257268						& Duly MB.

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate 50:11
	3) Refixing stone with all lead and Quantity vide Page 70:04

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
nt	recorded vide		
57266	& Duj MB.		
		23.64M³	
			2987:00
in and stacking with			
mpose as per Specifications			
nt recorded vide			
7268	& Duj MB.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257220

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						910.14M²	
	Rate 50:11						45607:00
	3) Refixing stone slabs & making and pointing in CM1:3 with all cost and lift etc. complete as per Specifications.						
	Quantity vide Item No. (2)					910.14M²	
	Rate 70:04						63746:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing granite Slabs of selected quality roughly dressed and fixed in cement mortar 1:6 including fixing cramps etc.. Complete 7.5 cms thick with all lead and list etc.. Complete. Chokkanahally Main Road						
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	10/9/14
	Abstract
	3 : 44
	ಸಹಾಯಕ ಅಭಿಯಂತರರು
	ಚಿಕ್ಕಬಳ್ಳಾಪುರ ಉಪ ವಿಭಾಗ
	2 Mix M 7.5 wo

Contents 7	Reference to last Measurement 8
eesed quality	
ment mortar	
Compose 7.5 cms	
Compose.	
49.50	
49.50	
49.50	
49.50	
49.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257221

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	1.65	-	49.50	
		1	30.00	1.65	-	49.50	
		1	27.00	1.65	-	44.55	
						390.06 M^2	133962:00
10/9/14							
	ಸಹಾಯಕ ಅಭಿಯಂತರರು ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
5	Providing and laying in position 1:3 cement mortar 2 Mix M 7.5 with OPC cement @ 180 kg with thickness and					Plain Cement Concrete	

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	down size graded granite metal coarse aggregate as 0.892 Cum and fine aggregate as 0.57 Cum machine mixed concrete laid in layers not exceeding 15cms thick well compacted curing complete as per Specification As per Pre-Measurement recorded vide Page No. 257268 to 2572 & this MB. 63.04 M3 Rate 4290:84					270495:00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
6)	Providing and Cons with Compressive St Cement Mortar 1:4 Ma size 40x20x20cms in with all lead and lift Left Side -	2 2 2

Contents	Reference to last Measurement
7	8
al Coarse assisale	
of 0.57 Cem mortar	
not exceeding 15 cms	
mpeese as per Specn	
ecorded vide	
2	2 this MB.
	3
	63.04 M
	270495:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257222

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Providing and Compressing Pre-Cast Concrete Solid blocks with Compressive Strength not less than 35 kg/ sqmm in CM 1:4 Masonry with Solid Concrete blocks of size 40 x 20 x 20 cms including cost & necessary labour charges with all lead and lift etc. - complete.						
	Left Side -	2	30.00	-	0.40	24.00	
		2	24.00	-	0.40	19.20	
		2	25.00	-	0.40	20.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	10.00	-	0.40	8.00	
		2	30.00	-	0.40	24.00	
		2	30.00	-	0.40	24.00	
		2	13.00	-	0.40	10.40	
	Right side	2	30.00	-	0.60	36.00	
		2	29.00	-	0.40	23.20	
		2	24.00	-	0.40	19.20	
		2	10.00	-	0.40	8.00	
		2	30.00	-	0.40	24.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Raja Reddy house Road.

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	0.40	8.00	
	0.40	24.00	
	0.40	24.00	
	0.40	10.40	
-	0.60	36.00	
-	0.40	23.20	
-	0.40	19.20	
-	0.40	8.00	
-	0.40	24.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257223

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2	5.50	-	0.40	4.40	
		2	24.00	-	0.40	19.20	
		2	4.50	-	0.40	3.60	
		2	14.00	-	0.40	11.20	
	Raja Reddy house Road.	2	30.00	-	0.40	24.00	
		2	1.00	-	0.40	0.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	21.00	-	0.40	16.80	
						315.20 m^2	
	Rate 924:48						291396
	Cy 20/10/14 AE-05 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
7)	Providing and Laying in Position Plain Cement Concrete 1 Mix M10 with OPC Cement at 220 kg with 20 mm and down size Graded granite metal coarse aggregate at 0.84 cum and fine aggregate at 0.56 cum machine mixed Concrete laid in						

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

M.
N

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Laying not exceed in foundation Curing	
	Left side	2
		2
		2
		2
		2
		2

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0-40	16-80	
	315.20 M²	291396 =

position Plain Cement
PC Cement at 220 kg
graded granite metal
um and give assistance
Concrete laid in

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257224

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Laying not exceeding 15 cms vehicle well compacted in foundation curing exe-- Compacted.						
	Left side	2	30.00	0.20	0.10	1.20	
		2	24.00	0.20	0.10	0.96	
		2	25.00	0.20	0.10	1.00	
		2	10.00	0.20	0.10	0.40	
		2	30.00	0.20	0.10	1.20	
		2	30.00	0.20	0.10	1.20	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	13.00	0.20	0.10	0.52	
	Right Side	2	30.00	0.20	0.10	1.20	
		2	29.00	0.20	0.10	1.16	
		2	24.00	0.20	0.10	0.96	
		2	10.00	0.20	0.10	0.40	
		2	30.00	0.20	0.10	1.20	
		2	5.50	0.20	0.10	0.22	
		2	24.00	0.20	0.10	0.96	
		2	4.50	0.20	0.10	0.18	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Raja Reddy house Road.
	25/10/14 AE-05

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.10	0.52	
0.10	1.20	
0.10	1.16	
0.10	0.96	
0.10	0.40	
0.10	1.20	
0.10	0.22	
0.10	0.96	
0.10	0.18	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257225

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Raja Reddy House Road.	2	14.00	0.20	0.10	0.56	
		2	30.00	0.20	0.10	1.20	
		2	1.00	0.20	0.10	0.04	
		2	21.00	0.20	0.10	0.84	
	25/10/14					15.76 M³	74670.00
	ಎಇಇ ಅವರಿಂದ ಪಡೆದಿದೆ 4737.96						

Assistant Executive Engineer
Vatarayanapura Sub Division
B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) Precast Slab 20 mm and down size for Slab (including Steel reinforcement) including Centering and Shuttering machine mixed Concrete laid in Layers not exceeding 15 cms thick Wet Compacted cost of all materials Curing Complete as per Specification						
	Left Side	1	30.00	1.20	-	36.00	
		1	24.00	1.20	-	28.80	
		1	25.00	0.75	-	18.75	
		1	10.00	0.90	-	9.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Right Side

OK

Depth 6	Contents 7	Reference to last Measurement 8
		own size for Slab
		-) including Carrying
		ed Concrete laid
		ing thick RCC Work Complete
		omplete as per Specification
-	36.00	
-	28.80	
-	18.75	
-	9.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

257226

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Right side	1	30.00	0.75	-	22.50	
		1	30.00	0.75	-	22.50	
		1	13.00	0.75	-	9.75	
		1	30.00	0.75	-	22.50	
		1	29.00	0.75	-	21.75	
		1	24.00	0.90	-	21.60	
		1	10.00	0.75	-	7.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	0.90	-	27.00	
		1	5.50	0.90	-	4.95	
		1	24.00	1.20	-	28.80	
		1	4.50	1.20	-	5.40	
		1	14.00	0.90	-	12.60	
	Raja Reddy house Road	1	30.00	0.90	-	27.00	
		1	1.00	0.90	-	0.90	
		1	21.00	0.75	-	15.75	
						352.80 M2	

Cost
10/11/2014

Assistant Executive Engineer
Jayanagar Sub Division
B.B.M.P. Bangalore

10/11/14

1856:67

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
9)	Providing and fi... Kers stones ma... width 11¼ and 16.5 m... in length finished ... including form wor... etc.. Compose.
	Left side

6550335

OOK

Depth 6	Contents 7	Reference to last Measurement 8
-	27.00	
-	4.95	
-	28.80	
-	5.40	
-	12.60	
-	27.00	
-	9.90	
-	15.75	
	352.80 M2	655033

Assistant Executive Engineer
Byatarayanapura Sub Div.
B.B.M.P. Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B
257227

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
9)	Providing and fixing Pre-cast Solid Cement Concrete kerb Stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively 300 mm high and 450 mm in length finished with CM 1:3 plastered and finishing besting including formwork curing including cost of materials etc.. complete.						
	Left side	60	-	-	-	60.00	
		53	-	-	-	53.00	
		55	-	-	-	55.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		22	-	-	-	22.00	
		60	-	-	-	60.00	
		60	-	-	-	60.00	
		28	-	-	-	28.00	
	Right Side	66	-	-	-	66.00	
		62	-	-	-	62.00	
		53	-	-	-	53.00	
		22	-	-	-	22.00	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2

16/11/14
AE-05

Page 263

ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

OOK

Depth 6	Contents 7	Reference to last Measurement 8
-	22.00	
-	60.00	
-	60.00	
-	28.00	
-	66.00	
-	62.00	
- -	53.00	
- -	22.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

257228

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		66	-	-	-	66.00	
		12	-	-	-	12.00	
		53	-	-	-	53.00	
		10	-	-	-	10.00	
		30	-	-	-	30.00	
		148	-	-	-	148.00	
		60	-	-	-	60.00	
						875.00	

Assistant Executive Engineer
Byrasandra Sub Division
B.B.M.P. Bangalore

10/11/14
AE-05
Rule 267-84
ಸಹಾಯಕ ಅಭಿಯಂತರರು

ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

234510=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Painting two coats on new Concrete Surface Painting two coats after fixing the Surface with Synthetic enamel Paint in all shades on new Plastered Concrete Surface complete as per Specification.						
	Left side. -	60	0.45	0.40	-	10.80	
		53	0.45	0.40	-	9.54	
		55	0.45	0.40	-	9.90	
		22	0.45	0.40	-	3.96	
		60	0.45	0.40	-	10.80	

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency ...
ate of commencement of work .....

Date	Full description, etc, of work
1	2
	Right side

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
			omenese Sensee
			eing the Sensee
			eight in all Sundays
			Sensee Comprise of
.40	-	10.80	
.40	-	9.54	
.40	-	9.90	
.40	-	3.96	
.40	-	10.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257229

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Right side	60	0.45	0.40	-	10.80	
		28	0.45	0.40	-	5.04	
		66	0.45	0.40	-	11.88	
		62	0.45	0.40	-	11.16	
		53	0.45	0.40	-	9.54	
		22	0.45	0.40	-	3.96	
		66	0.45	0.40	-	11.88	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		12	0.45	0.40	-	2.16	
		53	0.45	0.40	-	9.54	
		10	0.45	0.40	-	1.80	
		30	0.45	0.40	-	5.40	
		148	0.45	0.40	-	26.64	
		60	0.45	0.40	-	10.80	
						157.60 m^2	
10/11/14	Rate 58:32						9191:0
	Head for disposal & Deposit Shall be payable as Carriage rates measurement means including						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	loading and re	
	with all lead	
	Quantity	
	Rate 72:71	
	Add	
	Add	
	Add	
10/11/14		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
Asst. Executive Engineer
B.B.M.P. Bangalore

Contents 7	Reference to last Measurement 8
2.46	
9.54	
1.80	
5.40	
26.80	
10.80	
157.60 m^2	9191=00

Please see payment including

M. A. R. 57 (Rule 116)
Measurement Book

No. B 257230

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Loading and unloading from 0.00 to 2.00 KM with all lead and lift etc.. complete. @ Ranking vide item no.. (1) Rate 72:71					3 23.64 M	1719=40
					Total Rs.		1783316=00
	Add 1% Third Party				Charge Rs.		17833=00
	Add 10% KRIDC Charge				Rs.		178332=00
	Add 1% Labour				Cess Rs.		17833=00
					Total Rs.		1997314=00
							1979480=00

10/11/14

Assistant Executive Engineer
Sub Division
Bangalore

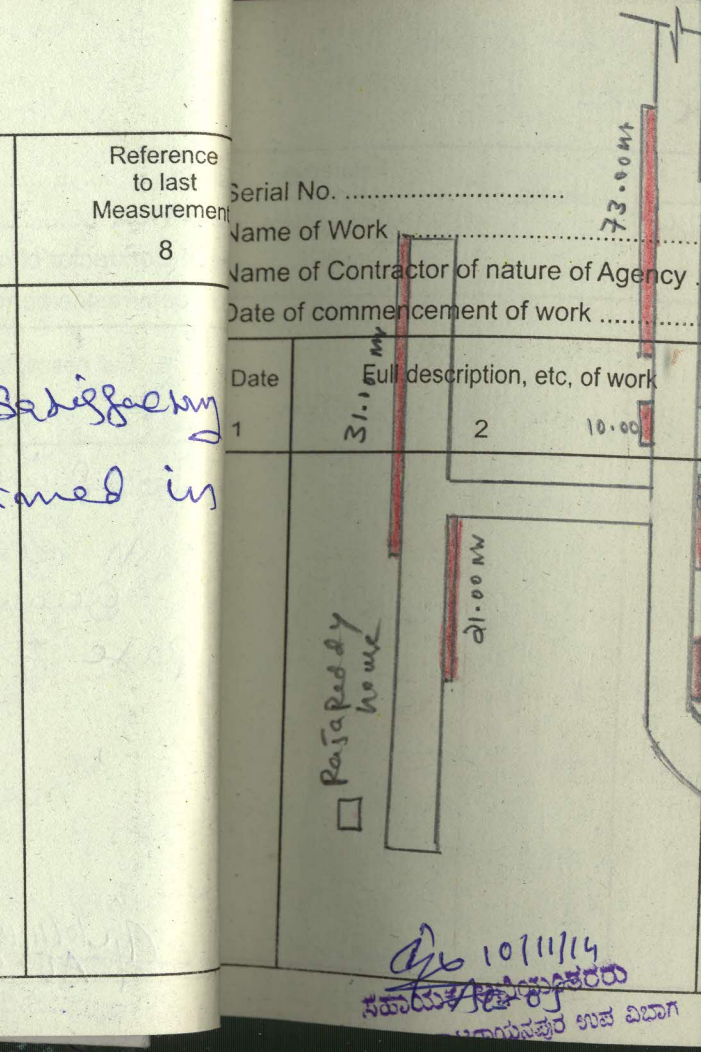
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate 1) certified that the work done satisfactory 2) This bill Amount has not been claimed in any of Previous bill. 10/11/14 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2



10/11/14
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ